



# Notice of Allowability

Application No.

10/613,001

Examiner

Dai A. Phuong

Applicant(s)

JOSEPH, JOSEPH

Art Unit

2617

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11/13/2006.
2. ☒ The allowed claim(s) is/are 1-20.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
DUC M. NGUYEN  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600

### DETAILED ACTION

1. This is in response to the Applicant's amendments and arguments filed on 11/13/2006 in which claims 1-20 are currently pending.

### Reasons for Allowance

2. The following is an examiner's statement of reasons for allowed:

Claims 1-20 are allowed.

Regarding claim 1, the prior art record fails to anticipate or render obvious a system for providing traffic information for planning a trip comprising:

a cellular telephones;

a base station, the base station having a zone of communication, whereby the base station creates tracking information pertaining to the amount of cellular telephones located in the zone of communication regardless of the cellular telephone statuses;

transmitting means for transmitting a signal to cause cellular phones that are in an off position to response;

a processing station configured for receiving cellular telephone emissions, the processing station being in communication with the base station, the processing station being configured for receiving data input and tracking information from cellular telephones to the base stations, the processing station determining traffic speed by analyzing the tracking information; and

notification means for sending a navigation pathway package to at least one cellular telephone, the navigation pathway package including information about an upcoming traffic jam, alternate route information, maps, supporting data for visual displays, amount of time to

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a turn off, amount of time to a given pathway, distance to a turn-off, distance to a given pathway, directional information, information about surrounding landmarks and combination thereof, all limitations in combination as defined by applicant, all limitations in combination as defined by applicant.

Regarding claim 9, the prior art record fails to anticipated or render obvious a a management system using cellular telephones comprising:

a traffic management system including cellular telephone defining data input; and

a plurality of base stations, each base station having a zone of communication, each base station creating tracking information pertaining to the amount of cellular telephones located in the zone of communication regardless of the cellular telephone status, the base stations being connected with at least one processing station and at least one cellular telephone user, the processing station being configured for receiving the tracking information and the data input from the cellular telephone user, and the processing defining a navigation pathway for the cellular telephone user at least partially based on the data input from the cellular telephone user and traffic speed information determined by the processing station through the use of the tracking information;

transmitting means for transmitting a signal to cause cellular phones that are in an off position to response;

notification means for sending a navigation pathway package to at least one cellular telephone, the navigation pathway package including information about an upcoming traffic jam, alternate route information, maps, supporting data for visual displays, amount of time to

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a turn off, amount of time to a given pathway, distance to a turn-off, distance to a given pathway, directional information, information about surrounding landmarks and combination thereof, all limitations in combination as defined by applicant.

Regarding claim 17, the prior art record fails to anticipated or render obvious a method using cellular telephones for managing traffic comprising:

providing a traffic management system including

a plurality of base stations connected to at least one processing station, each base station having a zone of communication, each base station creating tracking information pertaining to the amount of cellular telephones located in the zone of communication regardless of cellular telephone status, whereby the processing station determines traffic volume by analyzing the tracking information,

transmitting means for transmitting a signal to cause cellular phones that are in an off position to response;

plurality of cellular telephone users, the traffic management system being suitable for identifying traffic congestion and traffic speed based on monitoring cellular telephone traffic; sending data input from the cellular telephone users to the at least one processing station; developing navigation pathways in the processing station based at least partially on the data input from the cellular telephone users; inputting data from the cellular telephone users along the navigation pathway to the base stations, the information being suitable for the at least one processing station to track the position of the cellular telephone user on the navigation pathway using a single base; and providing data output from the at least one processing

station to the cellular telephone users including providing notice of ensuing key navigation points along the navigation pathway to the cellular telephone users along the navigation pathway station and redirecting the cellular telephone user on the navigation pathway in relation to the traffic congestion detected by the plurality of base stations; and

notification means for sending a navigation pathway package to at least one cellular telephone, the navigation pathway package including information about an upcoming traffic jam, alternate route information, maps, supporting data for visual displays, amount of time to a turn off, amount of time to a given pathway, distance to a turn-off, distance to a given pathway, directional information, information about surrounding landmarks and combination thereof, all limitations in combination as defined by applicant.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submission should be clearly labeled "Comments on Statement of Reasons for Allowance."

#### ***Conclusion***

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dai A Phuong whose telephone number is 571-272-7896. The examiner can normally be reached on Monday to Friday, 9:00 A.M. to 5:00 P.M..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nguyen M Duc can be reached on 571-272-7503. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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Date: 01-02-2007



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